Pre-Lab Questions, Second Week
Chemistry 258, Spring 2001

PREPARATION AND SPECTRAL ANALYSIS OF A SERIES OF AMMINE COMPLEXES OF COBALT(III)

1. What are the ligands that you will be evaluating for ligand field strength in this series of experiments?

2. Briefly describe a qualitative method that can be applied to evaluation of the relative values of ligand field strengths.

3. Briefly describe a quantitative method that can be applied to evaluation of the relative values of ligand field strengths.